

Lug-Nut Torque from Owner's Manuals

<https://www.whatsizebolt.com/resources/>

USE A CALIBRATED TORQUE WRENCH, NEVER AN IMPACT GUN, FOR FINAL TIGHTENING

Every figure below is quoted from that model-year's manufacturer owner's manual - not a database value, an aftermarket estimate, or a figure carried over from a neighboring year. A vehicle not listed here has not been checked against its manual yet; that is not evidence its torque matches a similar model or year. This chart covers passenger cars, SUVs and light trucks only - heavy equipment and UTVs are out of scope and not included. Thread and socket size are not shown: they were not checked as part of this torque check, so this chart doesn't state them - use the printable thread & bolt gauge below to measure yours by hand. Use the tightening sequence and re-check interval given in your owner's manual or the wheel manufacturer's instructions. Aftermarket wheels can require a different spec - check the wheel manufacturer's documentation.

Printable thread & socket gauge: <https://www.whatsizebolt.com/tools/printable-bolt-thread-gauge/>

Buick

Model	Years	Torque (from the owner's manual)
Enclave	2020-2021	140 ft-lbs (190 Nm)
Encore	2020-2022	100 ft-lbs (140 Nm)
Envision	2020-2022	140 ft-lbs (190 Nm)
Regal	2020	100 ft-lbs (140 Nm)

Cadillac

Model	Years	Torque (from the owner's manual)
CT6	2020	110 ft-lbs (150 Nm)
Escalade	2021	140 ft-lbs (190 Nm)
XT4	2020-2022	140 ft-lbs (190 Nm)
XT5	2021-2022	140 ft-lbs (190 Nm)
XT6	2020-2022	140 ft-lbs (190 Nm)

Chevrolet

Model	Years	Torque (from the owner's manual)
Blazer	2020-2022	140 ft-lbs (190 Nm)
Camaro	2021-2022	140 ft-lbs (190 Nm)
Colorado	2020-2022	140 ft-lbs (190 Nm)
Corvette	2020-2022	140 ft-lbs (190 Nm)
Equinox	2021-2022	100 ft-lbs (140 Nm)
Impala	2020	110 ft-lbs (150 Nm)
Malibu	2020-2022	100 ft-lbs (140 Nm)
Silverado 1500	2021	140 ft-lbs (190 Nm)
Spark	2020-2022	100 ft-lbs (140 Nm)
Trailblazer	2021-2022	100 ft-lbs (140 Nm)
Traverse	2020-2022	140 ft-lbs (190 Nm)
Trax	2020-2022	100 ft-lbs (140 Nm)

GMC

Model	Years	Torque (from the owner's manual)
Acadia	2021-2022	140 ft-lbs (190 Nm)
Canyon	2020-2022	140 ft-lbs (190 Nm)
Sierra 1500	2021	140 ft-lbs (190 Nm)
Yukon	2021	140 ft-lbs (190 Nm)

Infiniti

Model	Years	Torque (from the owner's manual)
Q50	2014	80 ft-lbs (108 Nm)

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Infiniti (continued)

Model	Years	Torque (from the owner's manual)
Q50	2016-2024	80 ft-lbs (108 Nm)
QX50	2014	80 ft-lbs (108 Nm)
QX50	2016-2017	80 ft-lbs (108 Nm)
QX50	2019-2025	83 ft-lbs (113 Nm)
QX60	2014-2020	83 ft-lbs (113 Nm)
QX60	2022-2026	83 ft-lbs (113 Nm)
QX80	2014	98 ft-lbs (133 Nm)
QX80	2016-2026	98 ft-lbs (133 Nm)

Kia

Model	Years	Torque (from the owner's manual)
Cadenza	2014-2016	65-79 ft-lbs (~88-107 Nm)
Cadenza	2017-2020	79-94 ft-lbs (~107-127 Nm)
EV6	2022-2026	79-94 ft-lbs (~107-127 Nm)
Forte	2019-2021	79-94 ft-lbs (~107-127 Nm)
K5	2021-2026	79-94 ft-lbs (~107-127 Nm)
K900	2019-2020	79-94 ft-lbs (~107-127 Nm)
Niro	2017	79-94 ft-lbs (~107-127 Nm)
Niro	2020-2022	79-94 ft-lbs (~107-127 Nm)
Optima	2016	65-79 ft-lbs (~88-107 Nm)
Optima	2017-2018	79-94 ft-lbs (~107-127 Nm)
Sedona	2015-2018	65-79 ft-lbs (~88-107 Nm)
Sedona	2020-2021	79-94 ft-lbs (~107-127 Nm)
Seltos	2022-2024	79-94 ft-lbs (~107-127 Nm)
Sorento	2013-2018	65-79 ft-lbs (~88-107 Nm)
Sorento	2019-2020	79-94 ft-lbs (~107-127 Nm)
Soul	2013-2017	65-79 ft-lbs (~88-107 Nm)
Soul	2018	79-93 ft-lbs (~107-126 Nm)
Soul	2019-2024	79-94 ft-lbs (~107-127 Nm)
Sportage	2013-2016	65-79 ft-lbs (~88-107 Nm)
Sportage	2017-2022	79-94 ft-lbs (~107-127 Nm)
Stinger	2018-2021	79-94 ft-lbs (~107-127 Nm)
Stinger	2023	79-94 ft-lbs (~107-127 Nm)
Telluride	2020-2024	79-94 ft-lbs (~107-127 Nm)

Mazda

Model	Years	Torque (from the owner's manual)
CX-3	2016-2021	80-108 ft-lbs (108-147 Nm)
CX-30	2020-2026	80-108 ft-lbs (108-147 Nm)
CX-5	2016-2025	80-108 ft-lbs (108-147 Nm)
CX-50	2023-2026	80-108 ft-lbs (108-147 Nm)
CX-9	2016-2023	80-108 ft-lbs (108-147 Nm)
CX-90	2024	80-108 ft-lbs (108-147 Nm)
MX-5 Miata	2016-2023	80-108 ft-lbs (108-147 Nm)
Mazda3	2017-2026	80-108 ft-lbs (108-147 Nm)
Mazda6	2016-2021	80-108 ft-lbs (108-147 Nm)

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Nissan

Model	Years	Torque (from the owner's manual)
Altima	2013-2026	83 ft-lbs (113 Nm)
Armada	2013-2015	98 ft-lbs (133 Nm)
Armada	2017-2026	98 ft-lbs (133 Nm)
Frontier	2022-2026	98 ft-lbs (133 Nm)
GT-R	2013-2014	97 ft-lbs (132 Nm)
Maxima	2013-2014	83 ft-lbs (112 Nm)
Maxima	2016-2018	83 ft-lbs (112 Nm)
Maxima	2019-2023	83 ft-lbs (113 Nm)
Murano	2013-2014	80 ft-lbs (108 Nm)
Murano	2015-2026	83 ft-lbs (113 Nm)
Pathfinder	2013-2020	83 ft-lbs (113 Nm)
Pathfinder	2022-2025	83 ft-lbs (113 Nm)
Rogue	2013	80 ft-lbs (108 Nm)
Rogue	2014-2023	83 ft-lbs (113 Nm)
Rogue	2024-2026	80 ft-lbs (108 Nm)
Sentra	2013-2025	83 ft-lbs (113 Nm)
Sentra	2026	88.5 ft-lbs (120 Nm)
Titan	2013-2014	98 ft-lbs (133 Nm)
Xterra	2013-2015	98 ft-lbs (133 Nm)

Toyota

Model	Years	Torque (from the owner's manual)
4Runner	2013-2014	81 ft-lbs (110 Nm)
4Runner	2025	97 ft-lbs (131 Nm) aluminum / 154 ft-lbs (209 Nm) steel
Avalon	2013-2022	76 ft-lbs (103 Nm)
C-HR	2018-2022	76 ft-lbs (103 Nm)
Camry	2013-2024	76 ft-lbs (103 Nm)
Corolla	2013-2019	76 ft-lbs (103 Nm)
Corolla	2021-2023	76 ft-lbs (103 Nm)
Highlander	2013-2025	76 ft-lbs (103 Nm)
Prius	2013-2025	76 ft-lbs (103 Nm)
RAV4	2020-2025	76 ft-lbs (103 Nm)
Sequoia	2013-2020	97 ft-lbs (131 Nm) aluminum / 154 ft-lbs (209 Nm) steel
Sienna	2013	76 ft-lbs (103 Nm)
Sienna	2017	76 ft-lbs (103 Nm)
Sienna	2019	76 ft-lbs (103 Nm)
Tacoma	2013-2023	83 ft-lbs (113 Nm)
Tacoma	2024-2025	97 ft-lbs (131 Nm) aluminum / 154 ft-lbs (209 Nm) steel
Tundra	2013-2021	97 ft-lbs (131 Nm) aluminum / 154 ft-lbs (209 Nm) steel
bZ4X	2023-2024	103 ft-lbs (140 Nm)

Sources & method

Each figure comes from a fasteners-table row whose notes carry a dated citation - the exact owner's-manual URL and the quoted sentence - written by this site's lug-nut torque-check script. Only citations hosted on the vehicle manufacturer's own domain are included; forum posts, dealer blogs, aggregator sites and this site's own past estimates are not. Where a manual states two figures for one vehicle (for example steel vs. alloy wheels), both are printed with their label - never collapsed into one number. A "~" before a Newton-meter figure means that unit was converted, not printed by the manual itself (every Kia row: its manuals give kgf-m and lbf-ft, never N-m).

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Sources & method (continued)

Buick: chevrolet.com

Cadillac: chevrolet.com

Chevrolet: chevrolet.com

GMC: chevrolet.com

Infiniti: infiniti.com

Kia: kia.com

Mazda: mazda.com

Nissan: nissan.com

Toyota: toyota.com

Snapshot taken 2026-09-24. Your vehicle may have since been checked, or a manual may have been revised - confirm against your own owner's manual before you tighten anything.